

SEQUENCE LISTING

<110> Qi, Xiaoyang

Children's Hospital Medical Center

<120> Saposin C-DOPS A Novel Anti-Tumor Agent

<130> CHM08/GN003

<150> 60/466,166

<151> 2003-04-28

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 524

<212> PRT

<213> Homo sapiens

<400> 1

Met Tyr Ala Leu Phe Leu Leu Ala Ser Leu Leu Gly Ala Ala Leu Ala
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Gly Pro Val Leu Gly Leu Lys Glu Cys Thr Arg Gly Ser Ala Val Trp
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Cys Gln Asn Val Lys Thr Ala Ser Asp Cys Gly Ala Val Lys His Cys
35 40 45
Leu Gln Thr Val Trp Asn Lys Pro Thr Val Lys Ser Leu Pro Cys Asp
50 55 60
Ile Cys Lys Asp Val Val Thr Ala Ala Gly Asp Met Leu Lys Asp Asn
65 70 75 80
Ala Thr Glu Glu Glu Ile Leu Val Tyr Leu Glu Lys Thr Cys Asp Trp
85 90 95
Leu Pro Lys Pro Asn Met Ser Ala Ser Cys Lys Glu Ile Val Asp Ser
100 105 110
Tyr Leu Pro Val Ile Leu Asp Ile Ile Lys Gly Glu Met Ser Arg Pro
115 120 125
Gly Glu Val Cys Ser Ala Leu Asn Leu Cys Glu Ser Leu Gln Lys His
130 135 140
Leu Ala Glu Leu Asn His Gln Lys Gln Leu Glu Ser Asn Lys Ile Pro
145 150 155 160
Glu Leu Asp Met Thr Glu Val Val Ala Pro Phe Met Ala Asn Ile Pro
165 170 175
Leu Leu Leu Tyr Pro Gln Asp Gly Pro Arg Ser Lys Pro Gln Pro Lys
180 185 190
Asp Asn Gly Asp Val Cys Gln Asp Cys Ile Gln Met Val Thr Asp Ile
195 200 205
Gln Thr Ala Val Arg Thr Asn Ser Thr Phe Val Gln Ala Leu Val Glu
210 215 220
His Val Lys Glu Glu Cys Asp Arg Leu Gly Pro Gly Met Ala Asp Ile
225 230 235 240
Cys Lys Asn Tyr Ile Ser Gln Tyr Ser Glu Ile Ala Ile Gln Met Met
245 250 255
Met His Met Gln Pro Lys Glu Ile Cys Ala Leu Val Gly Phe Cys Asp

	260	265	270
Glu Val Lys	Glu Met Pro Met	Gln Thr Leu Val	Pro Ala Lys Val Ala
275	280	285	
Ser Lys Asn Val Ile Pro Ala	Leu Glu Leu Val	Glu Pro Ile Lys Lys	
290	295	300	
His Glu Val Pro Ala Lys	Ser Asp Val Tyr	Cys Glu Val Cys Glu Phe	
305	310	315	320
Leu Val Lys Glu Val Thr Lys	Leu Ile Asp Asn Asn Lys	Thr Glu Lys	
325	330	335	
Glu Ile Leu Asp Ala Phe Asp	Lys Met Cys Ser Lys Leu	Pro Lys Ser	
340	345	350	
Leu Ser Glu Glu Cys Gln	Glu Val Val Asp Thr Tyr	Gly Ser Ser Ile	
355	360	365	
Leu Ser Ile Leu Leu Glu	Glu Val Ser Pro Glu	Leu Val Cys Ser Met	
370	375	380	
Leu His Leu Cys Ser Gly	Thr Arg Leu Pro Ala	Leu Thr Val His Val	
385	390	395	400
Thr Gln Pro Lys Asp Gly	Gly Phe Cys Glu Val Cys Lys	Lys Leu Val	
405	410	415	
Gly Tyr Leu Asp Arg Asn	Leu Glu Lys Asn Ser Thr	Lys Gln Glu Ile	
420	425	430	
Leu Ala Ala Leu Glu Lys	Gly Cys Ser Phe Leu Pro	Asp Pro Tyr Gln	
435	440	445	
Lys Gln Cys Asp Gln Phe	Val Ala Glu Tyr Glu	Pro Val Leu Ile Glu	
450	455	460	
Ile Leu Val Glu Val Met	Asp Pro Ser Phe Val	Cys Leu Lys Ile Gly	
465	470	475	480
Ala Cys Pro Ser Ala His	Lys Pro Leu Leu Gly	Thr Glu Lys Cys Ile	
485	490	495	
Trp Gly Pro Ser Tyr Trp	Cys Gln Asn Thr Glu Thr	Ala Ala Gln Cys	
500	505	510	
Asn Ala Val Glu His Cys	Lys Arg His Val Trp Asn		
515	520		

<210> 2
 <211> 80
 <212> PRT
 <213> Homo sapiens

<400> 2
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 Lys Leu Ile Asp Asn Asn Lys Thr Glu Lys Glu Ile Leu Asp Ala Phe
 20 25 30
 Asp Lys Met Cys Ser Lys Leu Pro Lys Ser Leu Ser Glu Glu Cys Gln
 35 40 45
 Glu Val Val Asp Thr Tyr Gly Ser Ser Ile Leu Ser Ile Leu Leu Glu
 50 55 60
 Glu Val Ser Pro Glu Leu Val Cys Ser Met Leu His Leu Cys Ser Gly
 65 70 75 80